@PFDesktop\::ODMA/MH SGD/SMA/cmm 04/15/04	ODMA/HBSR05;iManage;467239;1		PATENT APPLICATION DOCKET NO.: 1932.1041-020
APR 1 9 2004 6	THE UNITED STATES PAT	ENT AND TRADEM	ARK OFFICE
Approcants:	Stephen Randall Holmes-Fa	rley, Pradeep K. Dhal	and John S. Petersen
Application No.:	10/647,665	Group Art Unit:	1615
Filed:	August 25, 2003	Examiner:	Not Assigned
Confirmation No.:	2141		
Title:	POLY (DIALLYLAMINE)-	BASED BILE ACID S	SEQUESTRANTS
	I hereby certify that this corresponde Postal Service with sufficient postage to Commissioner for Patents, P.O. Bo being facsimile transmitted to the Unit    Chrishia Messer   Christian   Christian	as First Class Mail in an envelope a ox 1450, Alexandria, VA 22313-1	ted States addressed 450, or is Iffice on:
Commissioner for Pate P.O. Box 1450 Alexandria, VA 22313			
Sir:			
[ ] under 37 CFR	closure Statement is submitted 1.129(a), or ssion after Final Rejection)	d:	
stage in an internation	he following time periods: three months of	• • • • • • • • • • • • • • • • • • • •	han a CPA) or date of entry of the national s in a non-provisional application, including a
[ ] under 37 CFR	R 1.97(c) together with either:		
[ ] a State	ement under 37 CFR 1.97(e),	as checked below, or	
	0.00 fee under 37 CFR 1.17(p) 0.97(b) time period, but before final action or		ccurs first)
[ ] under 37 CFR	R 1.97(d) together with:		
[ ] a State	ement under 37 CFR 1.97(e),	as checked below, and	

[ ] under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

a \$180.00 fee under 37 CFR 1.17(p), or

[ ]

<u>Stater</u>	nent Un	der 37 CFR 1.97(e)
[ ]	any co	item of information contained in this Information Disclosure Statement was first cited in ommunication from a foreign patent office in a counterpart foreign application not more hree months prior to the filing of this Information Disclosure Statement; or
[]	comm knowl in the	em of information contained in this Information Disclosure Statement was cited in a funication from a foreign patent office in a counterpart foreign application, and, to the ledge of the undersigned, after making reasonable inquiry, no item of information contained information disclosure statement was known to any individual designated in 37 CFR more than three months prior to the filing of this Information Disclosure Statement.
<u>Stater</u>	ment Un	der 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000
[ ]	comm was n	item of information contained in the Information Disclosure Statement was cited in a funication from a foreign patent office in a counterpart application and this communication of received by any individual designated in § 1.56(c) more than thirty days prior to the of the Information Disclosure Statement.
[X]	Enclo	sed herewith is form PTO-1449:
	[]	Copies of the cited references are enclosed.
		[ ] Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
	[X]	Copies of the cited references are enclosed except those entered in prior applications, U.S. Application No. 08/777,408, to which priority under 35 U.S.C. 120 is claimed. The earlier applications contains copies of the cited references.
	[ ]	The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
	[ ]	The "concise explanation" requirement (non-English references) for reference(s) [ under 37 CFR 1.98(a)(3) is satisfied by:
		[ ] the explanation provided on the attached sheet.
		[ ] the explanation provided in the Specification.
		[ ] submission of the enclosed International Search Report.
		[ ] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.

the enclosed English language abstract.

[ ]	Appli	cant requests that the following r	non-published pending ap	plications be considered:
Examiner' Initials	s			
	_	U.S. Patent Application No. [	], by [inventor(s)], filed	[ ], Docket No.: [ ]
	_	U.S. Patent Application No. [	], by [inventor(s)], filed	[ ], Docket No.: [ ]
<del></del>	-	U.S. Patent Application No. [	], by [inventor(s)], filed	[ ], Docket No.: [ ]
		Examiner	Date	<u> </u>
	[ ]	A copy of each above-cited app	olication, including the cu	errent claims, is enclosed.
	[ ]	A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed.	olication, including the cuon, U.S. Application No.	errent claims, is enclosed, except [ ], to which priority under
The E refere	xamine nces we	r is requested to return a copy of ere considered with the next offic	the above list of pending e communication.	applications indicating which
It is re	equested	I that the information disclosed h	erein be made of record i	n this application.
Metho	od of pa	yment:		
[ ]		ck for the fee noted above is encloped apparent of this S		included in the check with the
[ ]	Please enclos	e charge Deposit Account 08-038 sed.	0 in the amount of \$[	]. A copy of this Statement is
[X]	Please	e charge any deficiency in fees an	d credit any overpaymen	t to Deposit Account 08-0380.
	•	F	Respectfully submitted,	
		F	HAMILTON, BROOK, S	MITH & REYNOLDS, P.C.
		E	Susan M. Abelleira Registration No.: 42,25 Telephone: (978) 341-00 Facsimile: (978) 341-01	036

Concord, MA 01742-9133
Dated: April (5, 3004)

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 1932.1041-020		LICATION NO. 647,665	
O INFORMATION DISCLOSURE CITATION IN AN APPLICATION	FIRST NAMED INVENTOR Stephen Randall Holme	es-Farley	FILING DATE August 25,	2003
APR 1 9 2004 6 April 15, 2004	EXAMINER Not Assigned	CONF	RMATION NO.	GROUP 1615

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V TR	4DEMARY				
	ı	U.:	S. PATENT DOCUMENTS		
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	B .	TENTEE OR APPLICANT TED DOCUMENT
	AA	4,340,585	07/20/82	Borzatta et	al.
	AB	4,557,930	12/10/85	Kihara et al	<i>!</i> .
	AC	3,308,020	03/07/76	Wolf et al.	
	AD	3,383,281	05/14/68	Wolf et al.	
	AE	5,055,197	10/08/91	Albright et	al.
	AF	4,217,429	08/12/80	Wagner et a	ıl.
	AG	4,205,064	05/27/80	Wagner et a	ıl.
	АН	4,098,726	07/04/78	Wagner et a	al.
	ΑI	5,236,701	08/17/93	St. Pierre et	t al.
	AJ	3,803,237	04/09/74	Lednicer et	al
	AK	4,759,923	07/26/88	Buntin et al	1.
	AA2	4,605,701	08/12/86	Harada et a	<i>l</i>
	AB2	4,540,760	09/10/85	Harada et a	l.
	AC2	4,111,859	09/05/78	Strop et al.	
	AD2	4,101,461	07/18/78	Strop et al.	
	AE2	4,071,478	01/31/78	Shen et al.	
	AF2	3,980,770	09/14/76	Ingelman et	tal.
	AG2	3,787,474	01/22/74	Daniels et a	ıl.
:	AH2	3,780,171	12/18/73	Irmscher et	al.
	AI2	3,692,895	09/19/72	Nelson et a	<i>I</i> .
	AJ2	3,288,770	11/29/66	Butler	
	AK2	5,374,422	12/20/94	St. Pierre et	al.
	AA3	4,027,009	05/31/77	Grier et al.	
	AB3	4,559,391	12/17/85	Ueda et al.	
	AC3	4,680,360	07/14/87	Ueda et al.	
	AD3	5,451,397	09/19/95	Albright et	al.

EXAMINER	DATE CONSIDERED

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

April 15, 2004

(Use several sheets if necessary)

ATTORNEY DOCKET NO. 1932.1041-020

**EXAMINER** 

Not Assigned

APPLICATION NO. 10/647,665

FIRST NAMED INVENTOR
Stephen Randall Holmes-Farley

FILING DATE
August 25, 2003

CONFIRMATION NO. 2141

GROUP 1615

		U.S	S. PATENT DOCUMENTS	
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AE3	5,430,110	07/04/95	Ahlers et al.
	AF3	3,562,266	02/09/71	Minisci et al.
	AG3	5,462,730	10/31/95	McTaggart et al.
	АН3	5,414,068	05/09/95	Bliem et al.
	AI3	3,801,641	04/02/74	Payot et al.
	AJ3	4,426,489	01/17/84	Wessling et al.
	AK3	2,874,132	02/17/59	Riener
	AA4	5,428,112	06/27/95	Ahlers et al.
	AB4	5,189,111	02/23/93	Danner
	AC4	3,585,118	06/15/71	Harada et al.
	AD4	3,840,504	10/08/74	Keim
	AE4	3,833,531	09/03/74	Keim
	AF4	4,812,540	03/14/89	Kageno et al.
	AG4	5,185,411	02/09/93	Jueptner et al.
	AH4	4,287,172	09/01/81	Jacquet et al.
	AI4	4,360,434	11/23/82	Kawaguchi et al.
	AJ4	4,027,009	05/31/77	Grier et al.

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANS: YES	LATION NO	
AL	WO92/10522	06/25/92	WIPO			
AM	0 459 632 A1	12/04/91	EPO			
AN	929,391	06/19/63	United Kingdom			
АО	1,567,294	05/14/80	United Kingdom			
AP	0 162 388	27/11/85	EPO			
AQ	0 373 852 A2	06/20/90	EPO			

EXAMINER	DATE CONSIDERED

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PTO-1449 REPRODUCED			PPLICATION NO. 0/647,665	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	FIRST NAMED INVENTOR Stephen Randall Holmes-Fa	arley	FILING DATE August 25, 2003	
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	F	OREIGN PATENT D	OCUMENTS	
	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
AL2	WO94/04596	03/03/94	WIPO	
AM2	WO94/27620	08/12/94	WIPO	
AN2	0 432 995 A1	19/06/91	EPO	
AO2	WO91/18027	28/11/91	WIPO	
AP2	0 081 291 A3	15/06/83	EPO	
AQ2	798,488	23/07/58	Great Britain	
AL3	WO95/34588	21/12/95	WIPO	
AM3	WO95/34585	21/12/95	WIPO	
AN3	2 090 605	14/07/82	Great Britain	
AO3	56010531 A	03/02/81	Japan	X (Ab
AP3	02001358 A	05/01/90	Japan	X (Ab
AQ3	62257481 A	10/11/87	Japan	X (Ab
AL4	62170591 A	27/07/87	Japan	X (Ab
AM4	57047302 A	18/03/82	Japan	X (Ab
AN4	57125233 A	04/08/82	Japan	X (Ab
AO4	0 280 445	31/08/88	EPO	
AP4	2 227 663	08/08/90	Great Britian	
AQ4	0 401 705	12/12/90	EPO	
AL5	7316061	05/12/95	Japan	X (Ab
	OTHER DOCUMEN	TS (Including Author,	Title, Date, Pertinent Pages, Etc.)	
	Heming, A.E., et al., "Considera Annals of the New York Academ		on of Cation Exchange Resins for The 19-251 (1954).	erapeutic Use, "
	McCarthy, Peter A., "New Appr 13(2):139-159 (1993).	oaches to Atherosc	lerosis: An Overview," Medicinal Res	earch Reviews,

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AT	Butler, G.B., et al., "Comblike Cyclopolymers of Alkyldiallylamines and Alkyldiallylmethylammonium Chlorides," in Water-Soluble Polymers, eds. Shalaby, McCormick & Butler, Chapter 9, pp. 151-158 ACS Symposium Series 467 (1991).
AU	Dubin, P.L., et al., "Quasi-Elastic Light Scattering of Polyelectrolyte-Micelle Complexes," Macromolecules 17:1294-1296 (1984).
, AV	Wang, GJ., et al., "Fluorescence probing of the formation of hydrophobic microdomains by cross-linked poly (alkylmethyldiallyl-ammonium bromides) in aqueous solution," Recl. Trav. Chim. Pays-Bas 113:390-393 (1994).
AW	Kunitake, T., et al., "Catalyses of Polymer Complexes. 4. Polysoap-Catalyzed Decarboxylation of 6-Nitrobenzisoxazole-3-carboxylate Anion. Importance of the Hydrophobic Environment in Activation of the Anion," J. Org. Chem 42(2):306-312 (1977).
AX	Wang, GJ., et al., "Study of the Conformational State of Non-Cross-Linked and Cross-Linked Poly (alkylmethyldiallylammonium Chlorides) in Aqueous Solution by Fluorescence Probing," Gazzetta Chimica Italiana, 125:393-397 (1995).
AY	Kuron, G.W., et al., "The Bile Acid Binding and Hypocholesterolemic Action of Two Water-Soluble Polymers," Atherosclerosis, 37:353-360 (1980).
AZ	Harada, S., et al., "The Cyclo-copolymerization of Diallyl Compounds and Sulfur Dioxide," Die Makromolekulare Chemie, 107:64-93 (1967).
AR2	Wang, GJ., et al., "Induction of Aggregate Formation of Cationic Polysoaps and Surfactants by Low Concentrations of Additives in Aqueous Solution," <i>Langmuir</i> , 10(8):2583-2587 (1994).
AS2	Wang, GJ, et al., "Synthesis of Hydrophobically and Electrostatically Modified Polyacrylamides and Their Catalytic Effects on the Unimolecular Decarboxylation of 6-Nitrobenzisoxazole-3-carboxylate Anion," Langmuir, 11(10):3856-3861 (1995).
AT2	Wang, GJ., et al., "Synthesis and Catalytic Properties of Non-Cross-Linked and Cross-Linked Poly (alkylmethyldiallylammonium bromides) Having Decyl, Octyl, and Hexyl Side Chains," <i>J. Org. Chem</i> , 60:4030-4038 (1995).
AU2	Kevelam, J., et al., "Polymer-Surfactant Interactions Studied by Titration Microcalorimetry: Influence of Polymer Hydrophobicity, Electrostatic Forces, and Surfactant Aggregational State," <i>Langmuir</i> , 12(20):4709-4717 (1996).

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April 15, 2004 (Use several sheets if necessary)	EXAMINER Not Assigned	CONF	IRMATION NO.	GROUP 1615

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
AV2	Wang, GJ., et al., "Syntheseis and Catalytic Properties of Cross-Linked Hydrophobically Associating Poly (alkylmethyldiallyl-ammonium bromides)," <i>J. Org. Chem.</i> , 59(15):4076-4081 (1994.)					
AW2	Yang, Y.J., et al., "Synthesis and Catalytic Properties of Hydrophobically Modified Poly (alkylmethyldiallylammonium bromides)," J. Org. Chem., 56:4300-4304 (1991).					
AX2	Negi, Y., et al., "Cyclopolymerization of Diallylamine Derivatives in Dimethyl Sulfoxid," J. of Polymer Science: Part A-1, 5:1951-1965 (1967).					
AY2	Hodgkin, H., et al., "Use of <sup>13</sup> C-NMR in the Study of Reactions on Crosslinked Resins," Published by John Wiley & Sons, J. of Polymer Science: Polymer Chemistry Edition, 19(5):1239-1249 (1981).					
Yeh, F., et al., "Nanoscale Supramolecular Structures in the Gels of Poly (Diallyldimethylammonium Chloride) Interacting with Sodium Dodecyl Sulfate," J. Am. Chem. Soc., 118(28):6615-6618 (1996).						
AR3	Boothe, J.E., et al., "Some Homo- and Copolymerization Studies of Dimethyldiallylammonium Chloride," J. Macromol. SciChem., A4(6):1419-1430 (1970).					
McLean, C.D., et al., "Cyclopolymerization. VI. Preparation and Properties of Crosslinked Polyamines Cyclopolymerization," J. Macromol. SciChem., A10(5):857-873 (1976).						
AT3	Bolto, B.A, et al., "Synthesis of Cross-Linked Polyallylamines which are Resistant to Sulfite Attack," J. Macromol. Sci. Chem., A17(1):153-166 (1982).					

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